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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	670001-2002.1A
	First Inventor	ANDERSEN ET AL.
	Title	NUCLEIC ACID FRAGMENTS AND POLYPEPTIDE FRAGMENTS DERIVED FROM M. TUBERCULOSIS
	Express Mail Label No	EV 345015516US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 247]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix.
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6 (FIGS. 1A, 1B, 2, 3, 4, 5)]
5. Oath or Declaration [Total Pages 3]
 - a. ☒ Newly executed (unsigned)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76.

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
 - a. ☐ Computer Readable Form (CFR)
 - b. Specification sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper (COPY FROM PARENT)
 - c. ☐ Statements verifying identity of above copies

 17354 U.S. PTO
 10/620246
 07/15/03

- | ACCOMPANYING APPLICATION PARTS | |
|--|--|
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s)) | |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement | |
| <input checked="" type="checkbox"/> Power of Attorney (unsigned)
<i>(when there is an assignee)</i> | |
| 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> | |
| 12. <input checked="" type="checkbox"/> Information Disclosure (COPY FROM PARENT) | |
| <input type="checkbox"/> Copies of IDS
Statement (IDS)/PTO-1449 Citations | |
| 13. <input checked="" type="checkbox"/> Preliminary Amendment | |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)
<i>(Should be specifically itemized)</i> | |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s)
<i>(if foreign priority is claimed)</i> | |
| 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b)(2)(B)(i).
Applicant must attach from PTO/SB/35 or its equivalent. | |
| 17. <input type="checkbox"/> Other: | |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

- | | | | |
|---------------------------------------|-------------------------------------|--|--------------------------------------|
| <input type="checkbox"/> Continuation | <input type="checkbox"/> Divisional | <input checked="" type="checkbox"/> Continuation-in-part (CIP) | of prior application No.: 09/050,739 |
| Prior application information: | | Examiner: <u>SWARTZ, RODNEY P.</u> | Group/Art Unit: 1645 |
| | | <input checked="" type="checkbox"/> CIP | of prior application No.: 10/138,473 |

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS
☒ Customer Number or Bar Code Label


20999

 or ☐ Correspondence address below

PATENT TRADEMARK OFFICE

Name

Name (Print/Type)	Thomas J. Kowalski	Registration No. (Attorney/Agent)	32,147
Signature	<i>Thomas J. Kowalski</i>	Date	July 15, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

07/15/03

**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$3034.00)

Complete if Known

Application Number

(divisional of 09/050,739)

Filing Date

Concurrent Herewith

First Named Inventor

ANDERSEN ET AL.

Examiner Name

To Be Assigned

Attorney Docket No.

670001-2002.1A

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number

50-0320

Deposit
Account
Name

Frommer Lawrence & Haug LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee	Code	Fee		
1001	750	2001	375	Utility filing fee	750.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$750.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
80	-20** = 60	18.00	1,080.00
Independent Claims	14	-3** = 11	84.00
Multiple Dependent		280.00	280.00

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee	Code	Fee		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$2284.00)

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee	Code	Fee		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or Cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1450	2254	725	Extension for reply within fourth month	
1255	1970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1300	2453	650	Petition to revive- unintentional	
1501	1300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for continued examination(RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					

SUBTOTAL (3) (\$)

* Reduced by Basic Filing Fee

SUBMITTED BY

Name (Print/Type)

THOMAS J. KOWALSKI

Registration No.
(Attorney/Agent)

32,147

Complete (if applicable)

Telephone

212-588-0800

Signature

Date

July 15, 2003

WARNING: Information on this form may become public. credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

CERTIFICATE OF MAILING - SEPARATE PAPER - PATENT APPLICATION

Attorney Docket No. : 670001-2002.1A
Title : NUCLEIC ACID FRAGMENTS AND POLYPEPTIDE
FRAGMENTS DERIVED FROM M. TUBERCULOSIS
Filed : HEREWITH
Applicants : ANDERSEN ET AL.

Mailed: **July 15, 2003** via "Express Mail Label # **EV345015516US**

I hereby certify that the following papers for the above-referenced application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to:

MAIL STOP: PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Enclosed: Utility Patent Application (total 247 pages, specification pages i, 1-247, claims pages 234-246, abstract page 247)
Drawings (6 sheets) Figs. 1A, 1b, 2, 3, 4, 5
Utility Patent Application Transmittal
Fee Transmittal
Declaration and Power of Attorney (unsigned)
Check Number 27378 in the amount of \$3034.00
Return Receipt Postcard

Charles Jackson
(Type/printed name of person mailing paper or fee)

Charles Jackson
Signature